

202  
11.4 kW

p619 8-18, 20

Remove 10, 12, 16

8.  $A = 5 \cdot 10 = 50 \text{ m}^2$

14.  $P = 36 + 2(48) + \frac{1}{2} 2\pi 18$

$132 + 18\pi$

$188.5 \text{ in}$

9.  $A_{\text{rect}} - \frac{1}{2} A_{\text{circle}}$

$8 \cdot 12 - \frac{1}{2} 16\pi$

$96 - 8\pi \approx 70.9 \text{ m}^2$

15.  $A_{\text{rect}} + \frac{1}{2} A_{\text{circle}}$

$36 \cdot 48 + \frac{1}{2} \pi 18^2$

$1728 + 508.9$

$2236.9 \text{ in}^2$

~~10.  $A_{\text{rect}} + A_{\Delta}$~~

~~$25 \cdot 12 + \frac{1}{2} 10 \cdot 8$~~

~~$300 + 40 = 340 \text{ m}^2$~~

~~16.  $A_{\text{rect}} + 2A_{\Delta}$~~

~~$4 \cdot 4 + 2 \cdot \frac{1}{2} 4 \cdot 2$~~

~~$16 + 8$~~

~~$24 \text{ m}^2$~~

11.  $A_{\text{rect}} + A_{\Delta}$

$62 \cdot 54 + \frac{1}{2} 62 \cdot 27$

$3348 + 837 = 4185 \text{ m}^2$

17.  $A_{\Delta} + \frac{1}{2} A_{\text{circle}}$

$\frac{1}{2} 6 \cdot 3 + \frac{1}{2} 9\pi$

$9 + 14.1$

$23.1 \text{ m}^2$

~~12.  $2A_{\text{trap}}$~~

~~$2 \cdot \frac{1}{2} 10(8+23)$~~

~~$310 \text{ m}^2$~~

13.  $A_{\text{rect}} - A_{\text{circle}}$

$22 \cdot 14 - 49\pi$

$308$

$154.1 \text{ m}^2$

18.  $A_{\text{rect}} 4 \cdot 5 = 20 \text{ m}^2$

$A_{\text{trap}} + A_{\Delta}$

$\frac{1}{2} 4(5+7) + \frac{1}{2} 5 \cdot 2$

$24 + 5$

$29 \text{ m}^2$

